

# MIAMI BEACH

## NORTH MERIDIAN AVENUE MULTI-USE PATH

DRB25-1150

12/07/2025



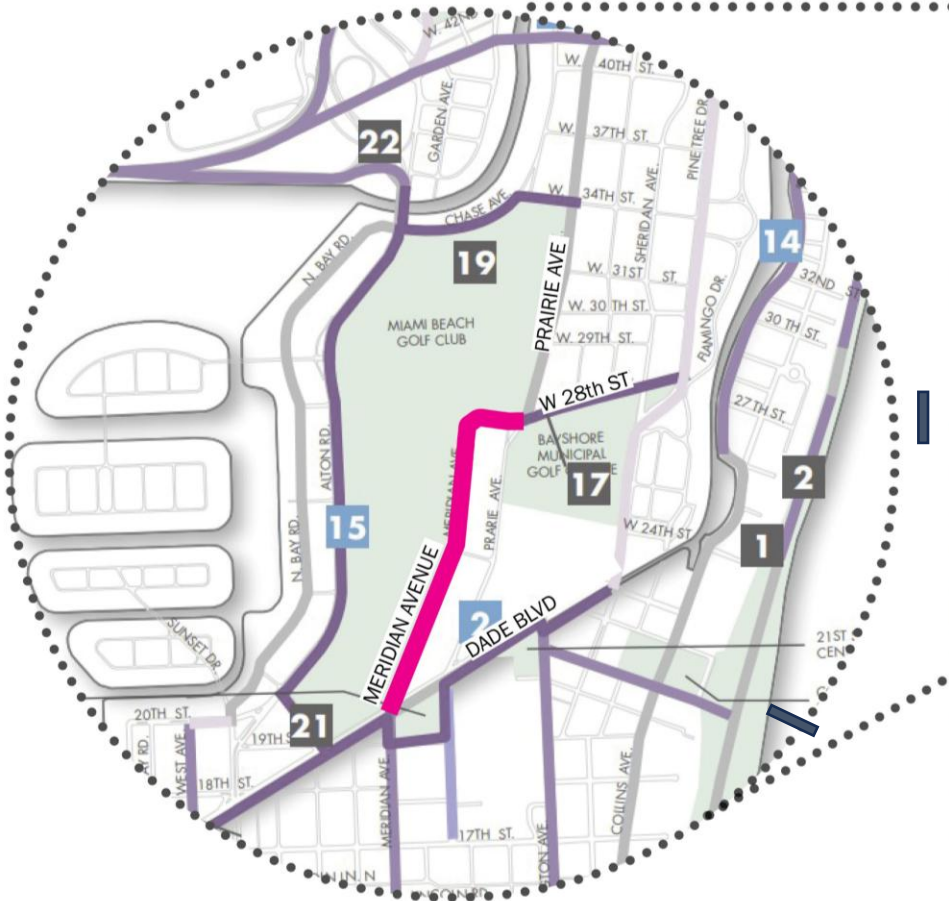
chen moore and associates

112 Terminal Island, Miami Beach,  
Florida 33139

# Agenda

- **Project Location**
- **Existing Conditions**
- **Scope of Work**
- **Key Map**
- **Plan Renderings & Typical Section**
- **Proposed Path Plans and Sections**
- **Planting Palette**
- **Lighting Location and Fixtures**
- **Questions**

# Project Location



**NORTH MERIDIAN AVENUE  
MULTI-USE PATH**



# Existing Conditions



**NORTH MERIDIAN AVENUE  
MULTI-USE PATH**



# Existing Conditions



**NORTH MERIDIAN AVENUE  
MULTI-USE PATH**



# Scope of Work

## Civil Engineering

- 1 10' Multi-Use Path layout
- 2 Grading and Drainage

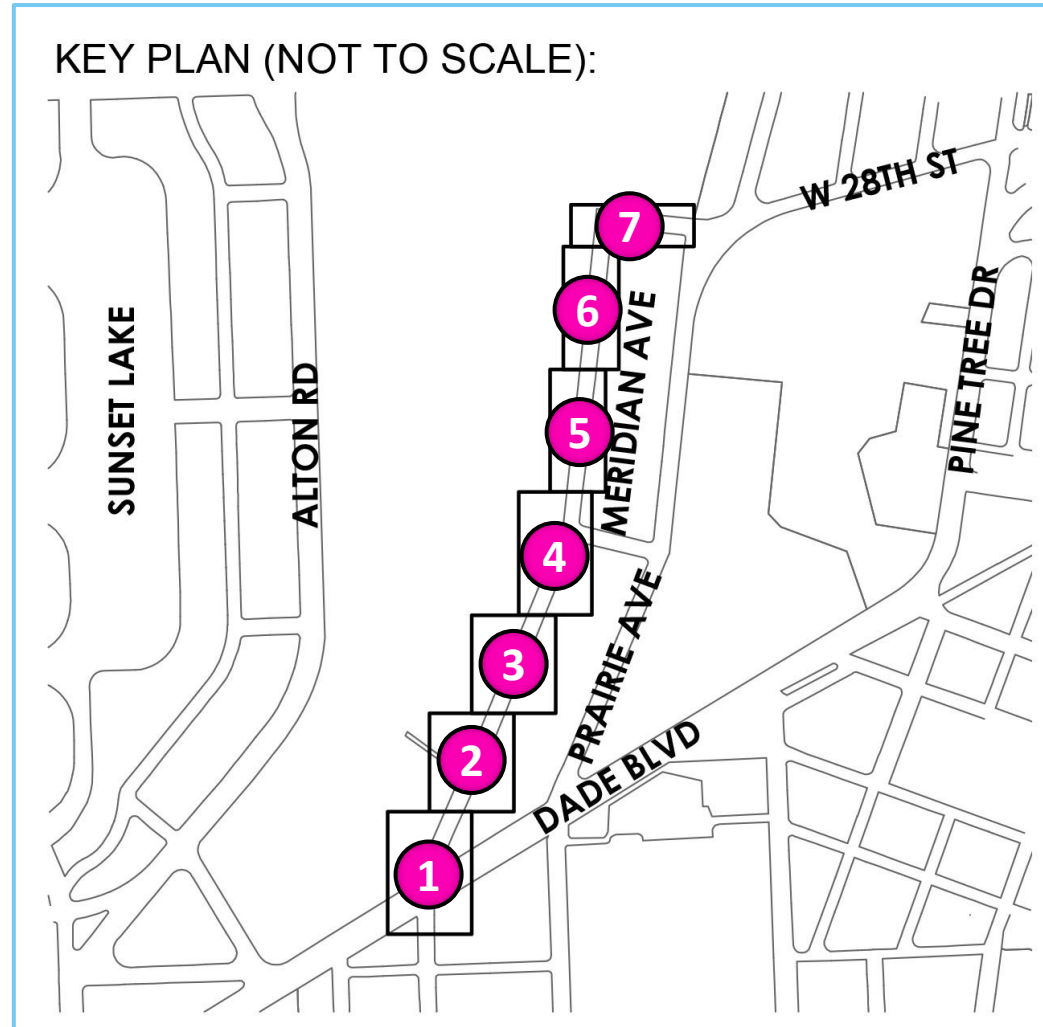
## Landscape

- 3 Tree Removals and Relocations
- 4 Hedge Removal and Replacement
- 5 Planting Design and Irrigation
- 6 Entry Plaza Design

## Lighting

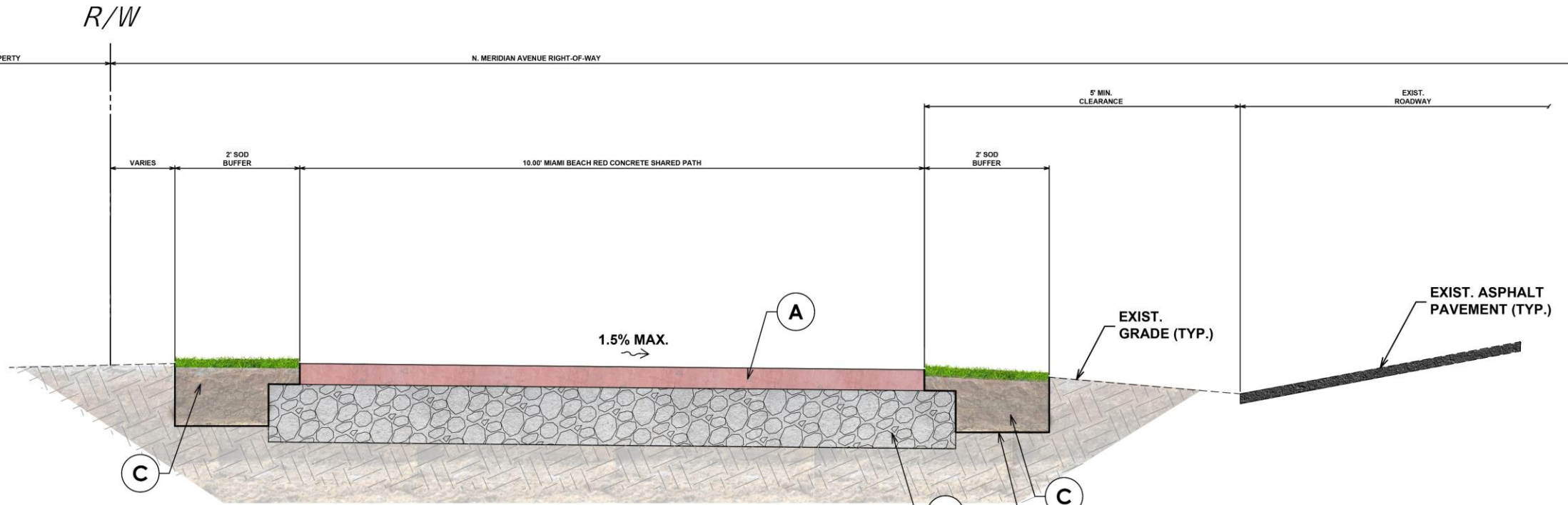
- 7 CMB-approved lighting fixtures

# KEY MAP



**NORTH MERIDIAN AVENUE  
MULTI-USE PATH**

# Typical Section- 10' Multi-Use Path



- A** MIAMI BEACH RED 4" THICK CONCRETE SIDEWALK (3,000 PSI)
  - B** 12" STABILIZED SUBGRADE COMPACTED TO 95% MAX. DRY DENSITY PER AASHTO T-180 MIN. (LBR) OF 40.
  - C** EXCAVATE & REMOVE 12" DEEP OF EXISTING MATERIAL 2' MIN. OFF SHARED USE PATH & REPLACE WITH CLEAN FILL (SEE LANDSCAPE PLANS FOR EXCAVATION / SOIL MITIGATION EXTENT)
- LINE WITH MIRAFI 140NL/0 GEOTEXTILE FABRIC

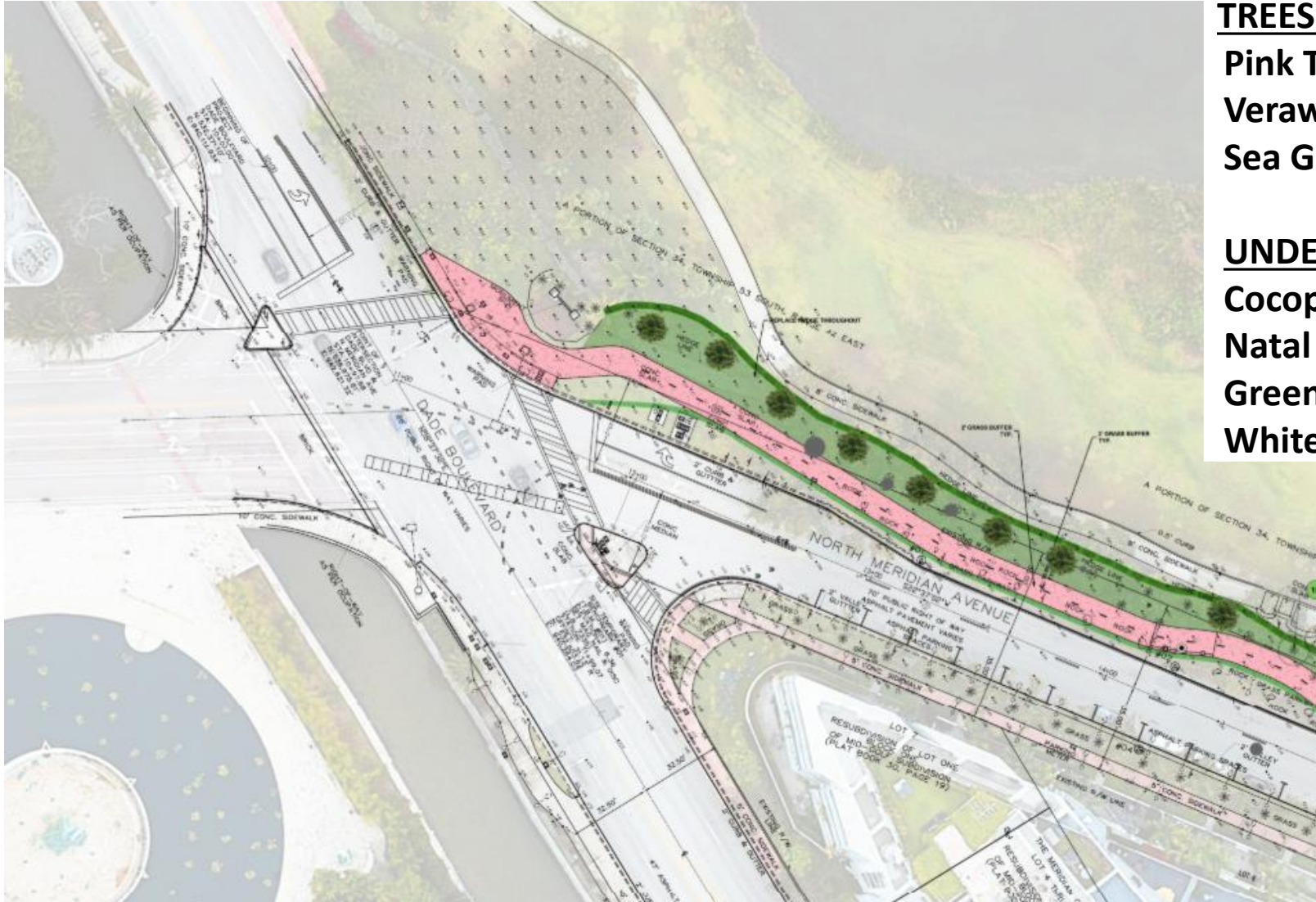
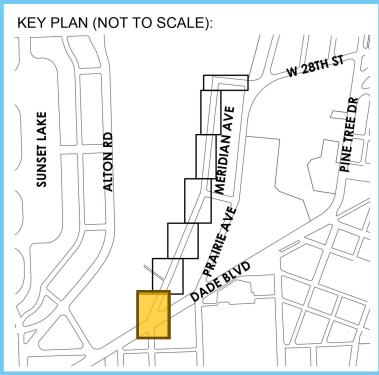
SECTION A-A

N.T.S.

**NORTH MERIDIAN AVENUE  
MULTI-USE PATH**



# PLAN RENDERINGS | AREA 1



## TREES AND PALMS

Pink Tabebuia  
Verawood  
Sea Grape

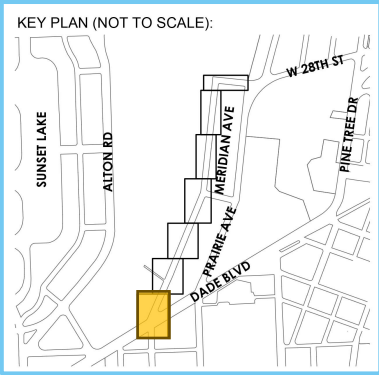
## UNDERSTORY

Cocoplum  
Natal Plum  
Green Island Ficus  
White Fountain Grass

**NORTH MERIDIAN AVENUE  
MULTI-USE PATH**



# TYPICAL SECTION | AREA 1



## TREES AND PALMS

- Pink Tabebuia
- Verawood
- Sea Grape

## UNDERSTORY

- Cocoplum
- Natal Plum
- Green Island Ficus
- White Fountain Grass



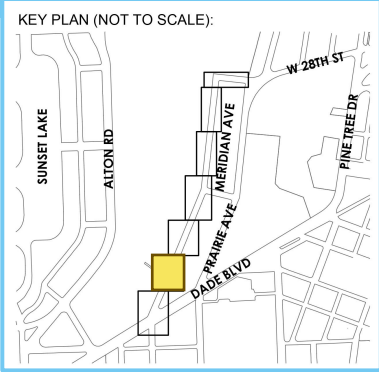
R/W



**NORTH MERIDIAN AVENUE  
MULTI-USE PATH**



# PLAN RENDERINGS | AREA 2



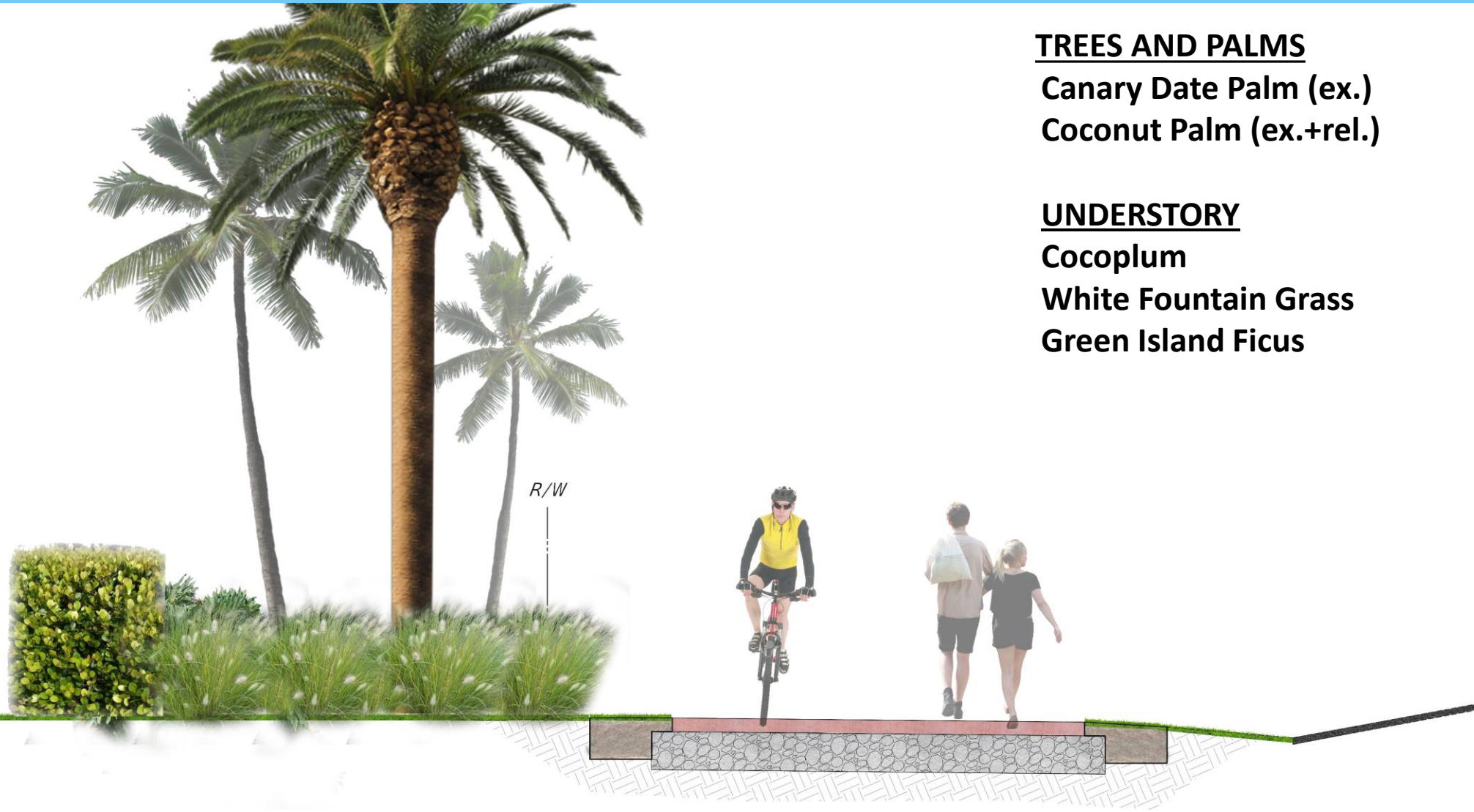
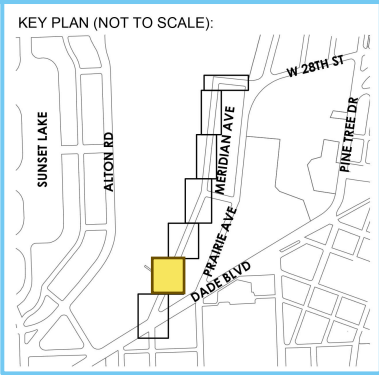
**TREES AND PALMS**  
Canary Date Palm (ex.)  
Coconut Palm (ex.+rel.)

**UNDERSTORY**  
Cocoplum  
White Fountain Grass  
Green Island Ficus

**NORTH MERIDIAN AVENUE  
MULTI-USE PATH**



# TYPICAL SECTION | AREA 2



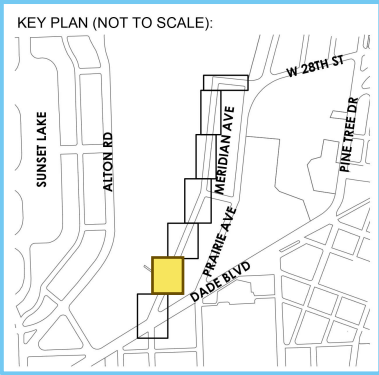
**TREES AND PALMS**  
Canary Date Palm (ex.)  
Coconut Palm (ex.+rel.)

**UNDERSTORY**  
Cocoplum  
White Fountain Grass  
Green Island Ficus

**NORTH MERIDIAN AVENUE  
MULTI-USE PATH**



# PLAN RENDERINGS | AREA 3



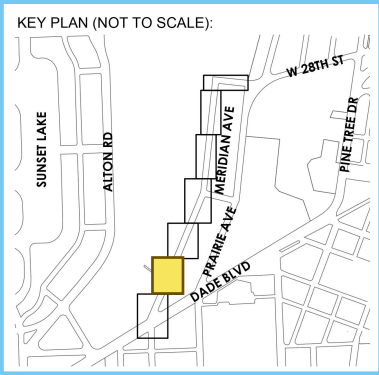
**TREES AND PALMS**  
Sabal Palm (ex.+rel.)  
Coconut Palm (ex.+rel.)

**UNDERSTORY**  
Simpsons Stopper  
Philodendron  
Monstera  
Horizontal Cocoplum

**NORTH MERIDIAN AVENUE  
MULTI-USE PATH**



# TYPICAL SECTION | AREA 3



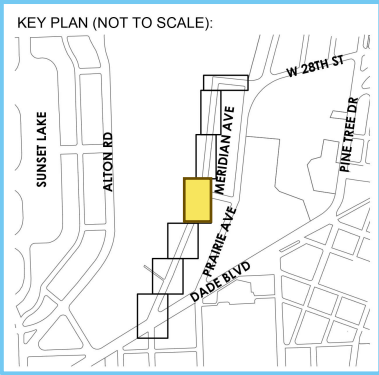
**TREES AND PALMS**  
Sabal Palm (ex.+rel.)  
Coconut Palm (ex.+rel.)

**UNDERSTORY**  
Simpsons Stopper  
Philodendron  
Monstera  
Horizontal Cocoplum

**NORTH MERIDIAN AVENUE  
MULTI-USE PATH**



# PLAN RENDERINGS | AREA 4



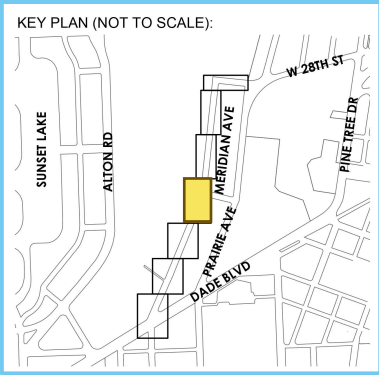
**TREES AND PALMS**  
Coconut Palm (ex.+rel.)

**UNDERSTORY**  
Cocoplum  
Silver Saw Palmetto  
Beach Sunflower

**NORTH MERIDIAN AVENUE  
MULTI-USE PATH**



# TYPICAL SECTION | AREA 4



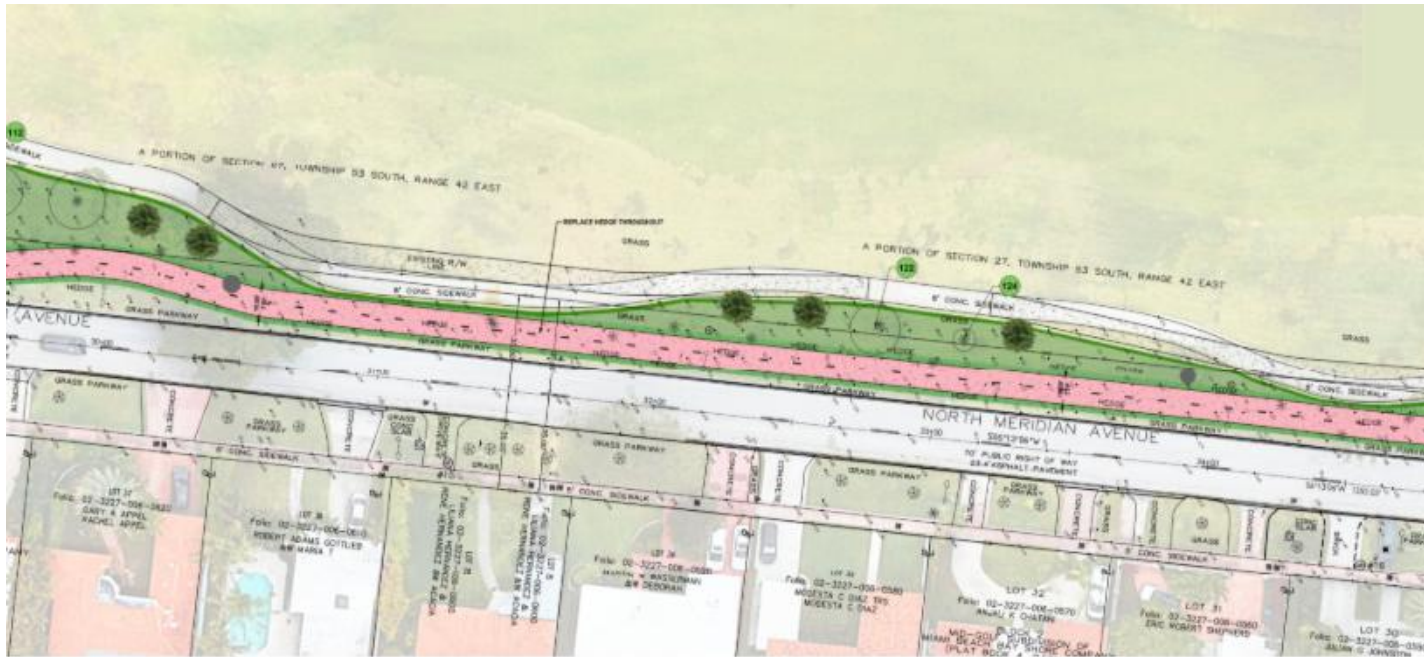
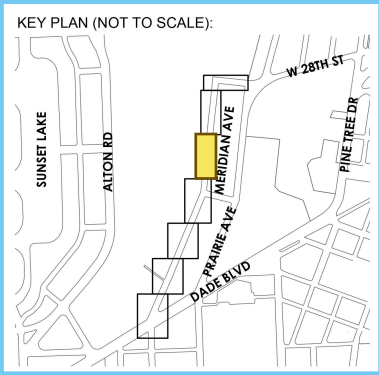
**TREES AND PALMS**  
Coconut Palm (ex.+rel.)

**UNDERSTORY**  
Cocoplum  
Silver Saw Palmetto  
Beach Sunflower

**NORTH MERIDIAN AVENUE  
MULTI-USE PATH**



# PLAN RENDERINGS | AREA 5



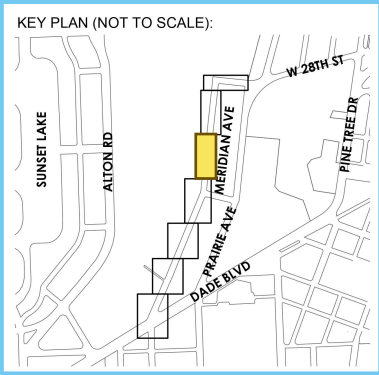
**TREES AND PALMS**  
Coconut Palm (ex.+rel.)

**UNDERSTORY**  
Cocoplum  
Thatch Palm  
Peanut Plant

**NORTH MERIDIAN AVENUE  
MULTI-USE PATH**



# TYPICAL SECTION | AREA 5



**TREES AND PALMS**  
Coconut Palm (ex.+rel.)

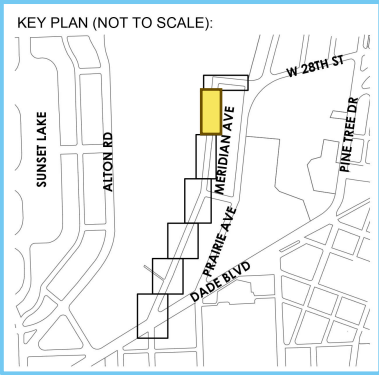
**UNDERSTORY**  
Cocoplum  
Thatch Palm  
Peanut Plant



**NORTH MERIDIAN AVENUE  
MULTI-USE PATH**



# PLAN RENDERINGS | AREA 6



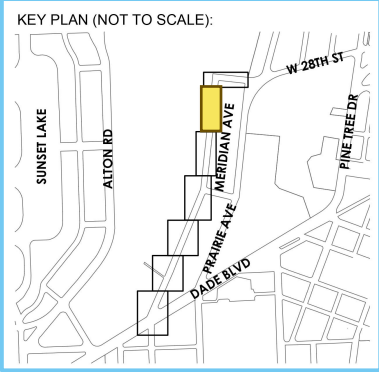
**TREES AND PALMS**  
Coconut Palm (ex.+rel.)

**UNDERSTORY**  
Cocoplum  
Pink Muhly Grass

**NORTH MERIDIAN AVENUE  
MULTI-USE PATH**



# TYPICAL SECTION | AREA 6



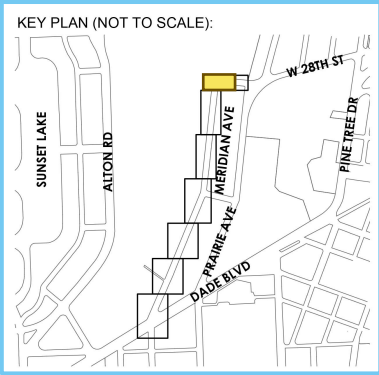
**TREES AND PALMS**  
Coconut Palm (ex.+rel.)

**UNDERSTORY**  
Cocoplum  
Pink Muhly Grass

**NORTH MERIDIAN AVENUE  
MULTI-USE PATH**



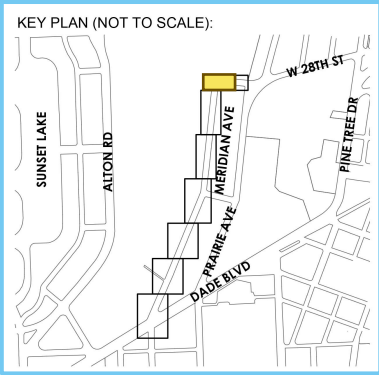
# PLAN RENDERINGS | AREA 7



**TREES AND PALMS**  
Coconut Palm (ex.)  
Green Buttonwood (ex.)

**UNDERSTORY**  
Simpsons Stopper  
Macho Fern  
Liriope

# TYPICAL SECTION | AREA 7



**TREES AND PALMS**  
Coconut Palm (ex.)  
Green Buttonwood (ex.)

**UNDERSTORY**  
Simpsons Stopper  
Macho Fern  
Liriope

**NORTH MERIDIAN AVENUE  
MULTI-USE PATH**



# PLANTING PALETTE | EXISTING TREES AND PALMS

**Coconut Palm**



**Royal Palm**



**Green Buttonwood**



**Indian Laurel**



**Sabal Palm**



**Canary Date Palm**



**Silver Buttonwood**



**Mahogany**



# PLANTING PALETTE | PROPOSED TREES AND PALMS

**Sea Grape**



**Pink Tabebuia**



**Verawood**



**Green Buttonwood**



**Simpsons Stopper**



**Hurricane Palm**



**Thatch Palm**

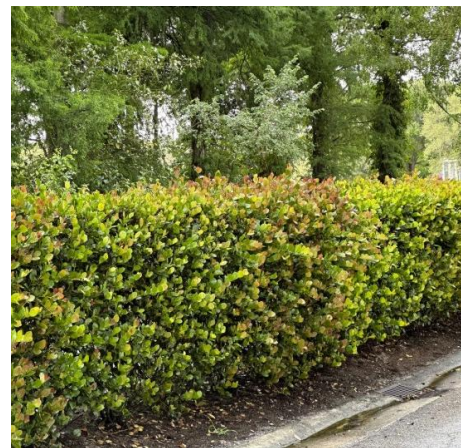


# PLANTING PALETTE | HEDGES AND SHRUBS

**Green Buttonwood**



**Cocoplum**



**Natal Plum**



**Silver Saw Palmetto**



**Monstera**



**Green Island Ficus**



# GRASSES AND GROUNDCOVERS

**Pink Muhly Grass**



**White Fountain Grass**



**Macho Fern**



**Liriope**



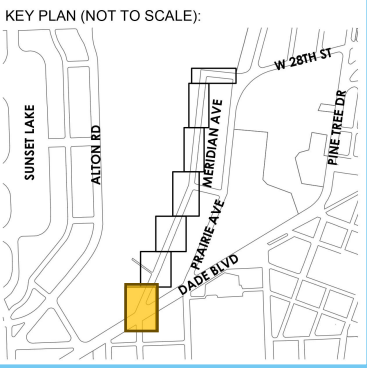
**Beach Sunflower**



**Peanut Plant**



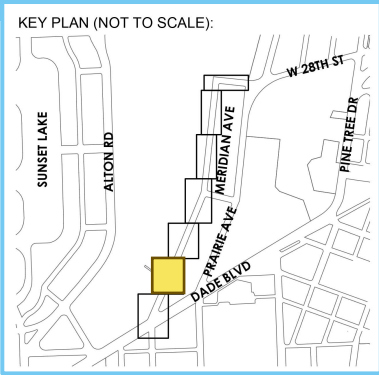
# PATH LIGHT LOCATIONS | AREA 1



**NORTH MERIDIAN AVENUE  
MULTI-USE PATH**



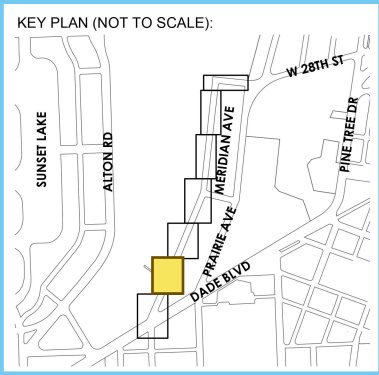
# PATH LIGHT LOCATIONS | AREA 2



**NORTH MERIDIAN AVENUE  
MULTI-USE PATH**



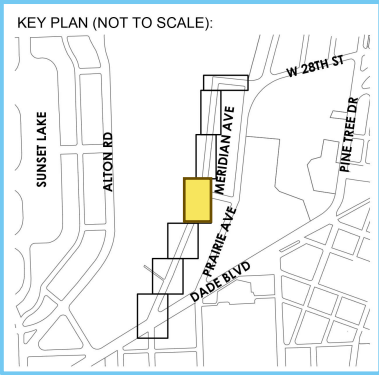
# PATH LIGHT LOCATIONS | AREA 3



**NORTH MERIDIAN AVENUE  
MULTI-USE PATH**



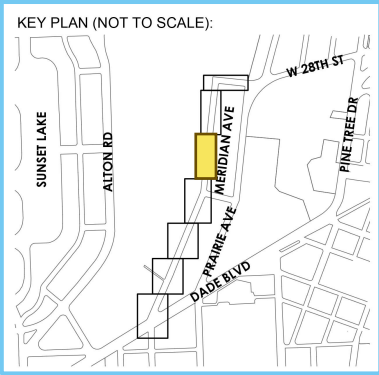
# PATH LIGHT LOCATIONS | AREA 4



**NORTH MERIDIAN AVENUE  
MULTI-USE PATH**



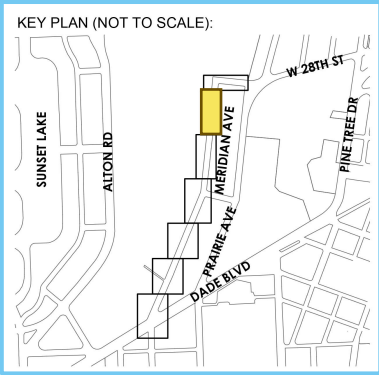
# PATH LIGHT LOCATIONS | AREA 5



**NORTH MERIDIAN AVENUE  
MULTI-USE PATH**



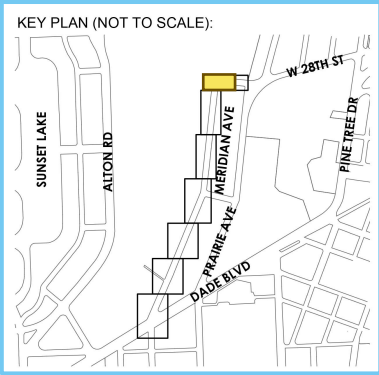
# PATH LIGHT LOCATIONS | AREA 6



**NORTH MERIDIAN AVENUE  
MULTI-USE PATH**



# PATH LIGHT LOCATIONS | AREA 7



**NORTH MERIDIAN AVENUE  
MULTI-USE PATH**



# Lighting Fixtures

## Albertslund Maxi Post

### Technical specifications

#### Materials

Top shade: Die formed fiber glass. Enclosure: Injection molded clear U.V. stabilized polycarbonate. Heat sink: Die cast aluminum. Base: Die cast aluminum. Struts: Aluminum.

#### Finishes

Graphite grey, grey, white or natural painted aluminum, powder coated.

#### Mounting

Post top: Mounts onto either dual round aluminum (DRA-5IN-3IN) or round straight aluminum (RSA-4.5IN) pole with provided tenon. Slip fits directly onto pole top of 2.4IN diameter by 3IN depth. For mounting instructions, see download section on the product detail page.

#### Information

Electrical:  
System Wattage: 71W  
LED Wattage: 65 W  
Delivered lumens: 4,775 - 4,997  
Efficacy: 67.3 lm/W - 70.4 lm/W

#### Certifications:

cULus, Wet Location  
Protection class IP65  
IK class 10  
BUG Rating: B2-U3-G2  
Controllability: 0-10V Dimming  
Min.-Max. Ambient Temp: -40°C to +55°C  
Color Rendering: Ra≥80  
Wind Load EPA: 1.8 sq ft



NORTH MERIDIAN AVENUE  
MULTI-USE PATH



# Closing Remarks & Questions



**Gregory Mendez, PE**

*Principal Engineer - Civil / Office Leader - Miami*

